

**DECLARATION**

As below named inventors, I/we hereby declare:

That our residence(s), post office address(es) and citizenship are as stated below next to our/my name(s).

That I/we verily believe that I/we am/are an/the original, first and joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF IMPROVING A DIGITAL IMAGE AS A FUNCTION OF ITS DYNAMIC RANGE**

the specification of which (check one)

(X) is attached hereto, was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

That I/we have reviewed and understand the contents of the above-identified specification, including the claims(s), as amended by any amendment referred to above.

That I/we acknowledge the duty to disclose information known to be material to patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

That I/we hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Prior Foreign Applications	Priority Claimed			
Number	Country	(Day/Month/Year Filed)	Yes	No

Number	Country	(Day/Month/Year Filed)	Yes	No
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I/we hereby claim the benefit under 35 U.S.C. § 1119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)	(Status) - (Patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status) - (Patented, pending, abandoned)
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That I/we hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) - (Patented, pending, abandoned)
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(Application Serial No)

(Filing Date)

(Status) - (Patented, pending, abandoned)

Further, as a named inventor, I/we certify that the Government of the United States of America, as represented by the Administrator of the National Aeronautics and Space Administration, has X an assignment in, or    license to the invention set forth in this application and has the irrevocable right to practice this application and to receive the patent.

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these, statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001; and that such willful false statements may Jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR	LAST WOODELL	FIRST Glenn	MIDDLE OR INITIAL A.
RESIDENCE AND CITIZENSHIP	CITY Newport News	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.
POST OFFICE	STREET NO. AND NAME 637 Village Green Parkway	CITY AND STATE OR (COUNTRY) Newport News, Virginia	ZIP CODE 23601
SIGNATURE			DATE 6-15-01

FULL NAME OF INVENTOR	LAST JOBSON	FIRST Daniel	MIDDLE OR INITIAL J.
RESIDENCE AND CITIZENSHIP	CITY Newport News	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.
POST OFFICE	STREET NO. AND NAME 42 Elm Avenue	CITY AND STATE OR (COUNTRY) Newport News, Virginia	ZIP CODE 23602
SIGNATURE			DATE 6/15

**COMBINED DECLARATION AND POWER OF ATTORNEY**

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION OR CIP)

As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type: (check one applicable item below)

- original  
 design  
 supplemental

NOTE: If the declaration is for an international application being filed as a divisional, continuation, or continuation-in-part application do not check next item; check appropriate of last three items.  
 national state of PCT

NOTE: If one of the following 3 items apply then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION, OR CIP.

- divisional  
 continuation  
 continuation-in-part (CIP)

**INVENTORSHIP IDENTIFICATION**

WARNING: If the inventor are each not the inventors of all the claims an explanation of the facts, including the ownership of all of the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF IMPROVING A DIGITAL IMAGE  
AS A FUNCTION OF ITS DYNAMIC RANGE**

## SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b), or (c))

- (a) is attached hereto.
- (b) was filed on \_\_\_\_\_  
as Serial No. \_\_\_\_\_  
or \_\_\_\_\_ Express Mail No., as Serial No. not yet known  
and was amended on \_\_\_\_\_ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers, or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

- (c) was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and amended under PCT Article 19 on \_\_\_\_\_ (if any).

## ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. § 1.56(a).

In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.97.

## PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventors certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- (complete (d) or (e))
- (d) no such applications have been filed.
- (e) such applications have been filed as follows:

NOTE: Where item (c) is entered above and the international application which designated the U.S. claimed priority check item (e), enter the details below and make the priority claim.

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<u>  </u> YES <u>  </u> NO
			<u>  </u> YES <u>  </u> NO

**CLAIM FOR BENEFIT OF  
PRIOR U.S. PROVISIONAL APPLICATION(S) (34 USC §119(e))**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States Provisional applications listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE
_____ / _____	_____

**CLAIM FOR BENEFIT OF  
EARLIER US/PCT APPLICATIONS(S) UNDER 35 USC §120**

The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART (C-I-P) APPLICATION.

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION:**

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**POWER OF ATTORNEY**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, and transact all business in the Patent and Trademark Office connected therewith.

Attorney: PETER J. VAN BERGEN, ESQ.  
Reg. No.: 32,178

(check the following item, if applicable)

- Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s)

**SEND CORRESPONDENCE TO**

PETER J. VAN BERGEN, ESQ.  
402 West Duke of Gloucester St.  
Williamsburg, Virginia 23185

**DIRECT TELEPHONE CALLS TO (NAME AND TELEPHONE NUMBER)**

PETER J. VAN BERGEN, ESQ.  
(757) 220-2649

SEARCHED  INDEXED  SERIALIZED  FILED   
JULY 1 1986  
U.S. PATENT AND TRADEMARK OFFICE  
Washington, D.C. 20591

### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### **SIGNATURE(S)**

NAME OF INVENTOR	LAST <b>Rahman</b>	FIRST <b>Zia-ur</b>	MIDDLE INITIAL
RESIDENCE AND CITIZENSHIP	CITY <b>Williamsburg</b>	STATE <b>Virginia</b>	CITIZENSHIP <b>U.S.</b>
POST OFFICE ADDRESS	ADDRESS <b>4840 Bristol Circle</b>	CITY AND STATE <b>Williamsburg, VA</b>	ZIP CODE <b>23185</b>
SIGNATURE			DATE <b>06/15/2001</b>

CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH  
FORM A PART OF THIS DECLARATION

- \_\_\_\_ Signature for third and subsequent joint inventors. Number of pages added \_\_\_\_\_.

\_\_\_\_ Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added \_\_\_\_\_.

\_\_\_\_ Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added \_\_\_\_\_.

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\_\_\_\_ Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.  
\_\_\_\_ Number of pages added \_\_\_\_\_.

\*\*\*

\_\_\_\_ Authorization of attorney(s) to accept and follow instructions from representative.

If no further pages form a part of this Declaration then end this Declaration with this page and check the following item

✓ THIS DECLARATION ENDS WITH THIS PAGE